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GORE-LEGAL

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Campbell et al.  
Appl. No. : 09/510,937  
Filed : 2/22/00  
Title : Thin-Wall Polytetrafluoroethylene Tube

*I hereby certify that this correspondence is being  
facsimile transmitted to the Patent and Trademark  
Office on February 4, 2004.*

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Group Art Unit : 1772  
Examiner : Nolan, Sandra M.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY TO OFFICE ACTION UNDER 37 C.F.R. 1.111**

Sir:

The following is in response to the Office Action of Aug. 4, 2003.

**Amendments to the Specification** begin on page 2.

**Amendments to the Abstract** begin on page 3.

**Amendments to the Claims** begin on page 4.

S.N. 09/510,937

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning at page 1, line 7 with the following rewritten paragraph:

The present application is a continuation of application Serial No. 08/247,960 filed May 24, 1994, now Patent No. 6,027,779, which is a continuation-in-part of application Serial No. 08/204,708 filed March 2, 1994, now Patent No. 6,025,044, which is a continuation-in-part of application Serial No. 08/108,963 filed August 18, 1993, now Patent No. 6,159,565.

S.N. 09/510,937

AMENDMENT TO THE ABSTRACT

Please cancel the previous Abstract (page 21) and replace the Abstract with the following rewritten Abstract:

A thin-wall PTFE (polytetrafluoroethylene) tube in the form of a tube of porous expanded PTFE film wherein the porous PTFE film has a microstructure containing a multiplicity of fibrils. The thin-wall tube is used in a non-porous embodiment as the balloon portion of a balloon catheter. The thin-wall tube is not elastomeric; however, because of the thinness, strength and flexibility of the tube, it may be inserted into a body conduit in a collapsed state and then deployed from a catheter and inflated up to the maximum diameter of the thin-wall tube. The porous PTFE film is provided with a continuous layer of adhesive to provide the non-porous tube; the adhesive is preferably a thermoplastic and more preferably a thermoplastic fluoropolymer such as fluorinated ethylene propylene.